(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau

(43) International Publication Date 4 August 2005 (04.08.2005)

(10) International Publication Number WO 2005/071008 A1

- (51) International Patent Classification7: C08K 5/13, 3/00, 5/00, 7/16, 13/02, B01J 2/00, 2/22, 2/24
- (21) International Application Number:

PCT/EP2005/050140

- (22) International Filing Date: 14 January 2005 (14.01.2005)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

04100246.0

23 January 2004 (23.01.2004)

- (71) Applicant (for all designated States except US): CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BREITENSTEIN, Benjamin [CH/CH]; Pulverweg 5, CH-4310 Rheinfelden (CH). GFRÖRER, Thomas, Georg [CH/CH]; In den Wegscheiden 7, CH-4132 Muttenz (CH). WALDNER, Rolf [CH/CH]; Herrengasse 4, CH-5082 Kaisten (CH). LUTZ, Pierre [CH/CH]; Fraumattstrasse 12, CH-4133 Pratteln (CH).

- (74) Common Representative: CIBA SPECIALTY CHEM-ICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF PRODUCING LOW-DUST GRANULES FROM POLYMER ADDITIVES

(57) Abstract: The invention relates to a technically advantageous method of producing low-dust granules of polymer additives or polymer additive mixtures. The granule-forming polymer additives are mixed together, the mixture is converted into a workable mass and pressed through an orifice. The pre-shaped strand-like extruded mass is cooled and, while still in a workable state, formed into granules by rolling, impressing, cooling and comminuting.